



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/710,267	06/30/2004	Shih-Ming Cheng	13435-US-PA	4266
31561 7590 07/12/2007 JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE 7 FLOOR-1, NO. 100 ROOSEVELT ROAD, SECTION 2 TAIPEI, 100 TAIWAN			EXAMINER TRUONG, BAO Q	
			ART UNIT . 2875	PAPER NUMBER
			NOTIFICATION DATE 07/12/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USA@JCIPGROUP.COM.TW

2875

Part of Paper No./Mail Date 20070706

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 8 is rejected under 35 U.S.C. 102(b) as being anticipated by Wortman et al. [US 6,447,135 B1].

Regarding claim 8, Wortman et al. discloses a light guide plate [74] having a light guide body with a light output surface [72], a bottom surface [at layer 73], a light incident surface [66], a plurality of side surfaces [at 74 and cross section view], wherein the light incident surface and the side surfaces are adjacent to and positioned between the bottom surface and the light output surface, and a transfer material layer [71, 73, 76] disposed on the bottom surface [at layer 73], wherein a light scattering patterned layer [71] disposed on the bottom surface [at 73] and a light reflecting layer [76] disposed over the bottom surface and covering the light scattering pattern layer [71], wherein the

Art Unit: 2875

light guide plate [74] and the transfer material layer [71, 73, 76] together being formed into a unity and there is substantially no gap between the transfer material layer and the light guide plate body (figure 8, column 5 lines 45-60).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wortman et al. in view of Wimberger-Friedl [US 5,845,035].

Regarding claim 12, Wortman et al. discloses a light guide with side surfaces [at 74] but does not clearly disclose the light reflecting layer being disposed on the side surfaces.

Wimberger-Friedl discloses a light guide [19] with a side surface [15] having a light reflecting layer [23] to prevent light exit at the side face [15] (figure 1, column 6 lines 40-52).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the side surface of the light guide of Wortman et al. with the light reflecting layer as taught by Wimberger-Friedl to prevent light leaving the light

Art Unit: 2875

guide at the side surface for purpose of providing an advantageous way of increasing brightness.

Allowable Subject Matter

6. Claims 1-7 are allowed.

7. The following is a statement of reasons for the indication of allowable subject matter:

Claim 1 has been amended to recite the step of forming a light guide plate body inside the cavity after the thin film is disposed inside the molding machine such that the transfer material layer is transferred on the light guide plate body from the thin film, which is not disclosed or suggested by the prior of record.

Claims 2-7 are dependent on claim 1.

Response to Arguments

8. Applicant's arguments filed 4/27/2007 have been fully considered but they are not persuasive.

Claim 8, the applicant recites that Wortman et al. fails to teach or suggest the transfer material layer comprises both of a light-scattering patterned layer and a light reflecting later. However, Wortman et al. discloses a transfer material layer [71, 73, 76] having a light scattering patterned layer [71] and a light reflecting layer [76] (figure 8).

In view of above, claims 8 and 12 are unpatentable.

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bao Q. Truong whose telephone number is (571) 272-2383. The examiner can normally be reached on Monday-Friday (8:00 AM - 4:00 PM).


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra L. O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2875

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Bao Q. Truong
Examiner
Art Unit 2875


ALI ALAVI
PRIMARY EXAMINER